# SHARP Service Manual

PHOTO: GF-9494H

APLD
Auto Program Locate Device

## MODELS
## GF-9494H
## GF-9494E

In the interests of user-safety the set should be restored to its original condition and only parts identical to those specified be used.

## SPECIFICATIONS

### GENERAL

| | |
|---|---|
| Type: | Portable stereophonic cassette tape recorder with built-in LW/MW/SW/FM 4-band radio |
| Power source: | AC 110/220/240V, 50/60Hz (GF-9494H)<br>AC 240V, 50/60Hz (GF-9494E)<br>DC 15V (Ten UM/SUM-1, R20, HP-2 batteries or external DC supply) |
| Power consumption: | 35W |
| Speakers: | 18 cm (7-5/64") (Woofer) x 2,<br>5 cm (1-31/32") (Tweeter) x 2 |
| Power output: (DIN45 324) | MPO 13000mW (6500mW + 6500mW, AC operation) RMS power 12000mW (6000mW + 6000mW, DC operation) — GF-9494H |
| | MPO 11W + 11W (AC operation) RMS power 6W + 6W (DC operation) 10% distortion — GF-9494E |
| Semiconductors: | 7-IC (Integrated Circuit), 39-transistor, 29-diode, 11-LED and 1-SCR |
| Dimensions: | 556mm(W) x 136mm(D) x 310mm(H) [21-7/8"(W) x 5-3/8"(D) x 12-3/16"(H)] |
| Weight: | 7.9 Kg (17.4 lbs) (without batteries) |
| Input sensitivity and input impedance: | External microphone 600 ohms<br>Mixing microphone 600 ohms<br>Record/Playback socket 2.5mV/10K ohms |
| Output level and loaded impedance: | Headphones 8 ~ 25 ohms<br>External speaker 4 ~ 8 ohms<br>Record/Playback socket 0.7V/50K ohms |

### TAPE RECORDER SECTION

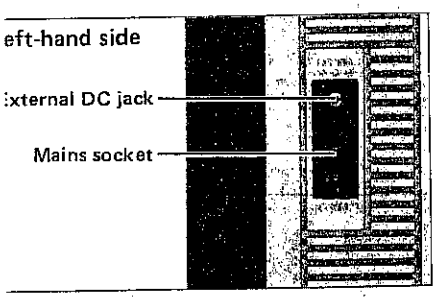
| | |
|---|---|
| Type: | 4-track stereo cassette tape recorder |
| Tape: | Philips type compact cassette tape |
| Tape speed: | 4.8 cm/sec. |
| Recording system: | AC bias |
| Erasing system: | AC erasing |
| Fast forward or rewind time: | 120 sec. (with C-60 tape) |
| Frequency response: | 40 ~ 15000Hz ($CrO_2$ tape)<br>40 ~ 12000Hz (normal tape) |
| Wow and flutter: | 0.25% (DIN45 511) (GF-9494H)<br>0.25% (CCIR) (GF-9494E) |
| S/N ratio: | 50dB |

### RADIO SECTION

| | |
|---|---|
| Frequency range: | LW 150 ~ 285 kHz<br>MW 520 ~ 1620 kHz<br>SW 5.95 ~ 18 MHz<br>FM 87.6 ~ 108 MHz |
| Intermediate frequency: | LW/MW/SW 455 kHz (GF-9494H)<br>LW/MW/SW 468 kHz (GF-9494E)<br>FM 10.7 MHz |
| Circuit system: | 4-band superheterodyne system |
| Antenna: | LW/MW ferrite core bar antenna<br>SW/FM telescopic antenna<br>FM EXT. antenna |

SHARP CORPORATION OSAKA, JAPAN

# NAMES OF PARTS




HOTO: GF-9494H

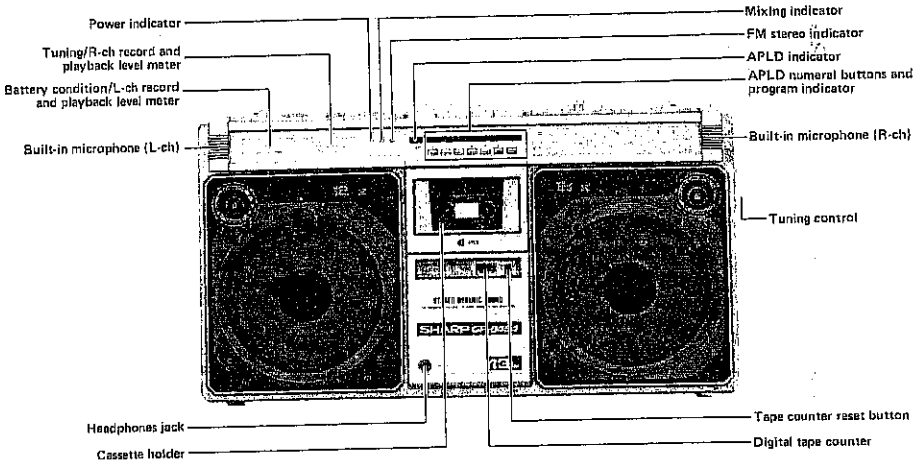



PHOTO: GF-9494H

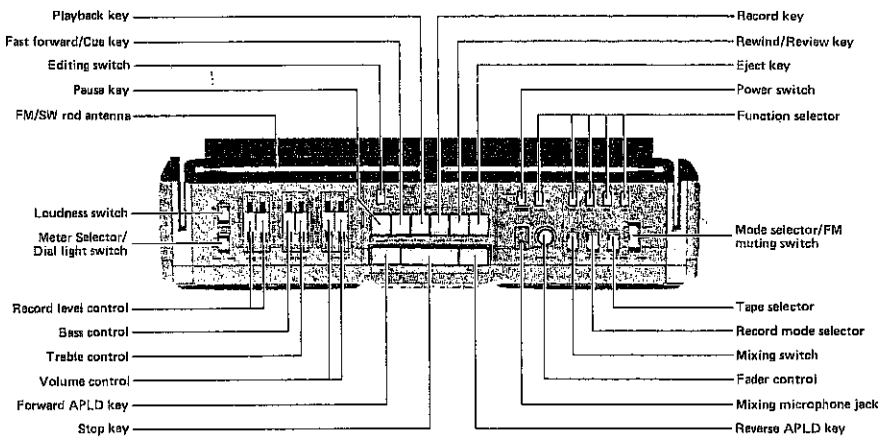



PHOTO: GF-9494H

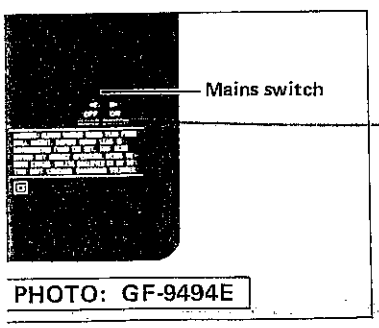



PHOTO: GF-9494E

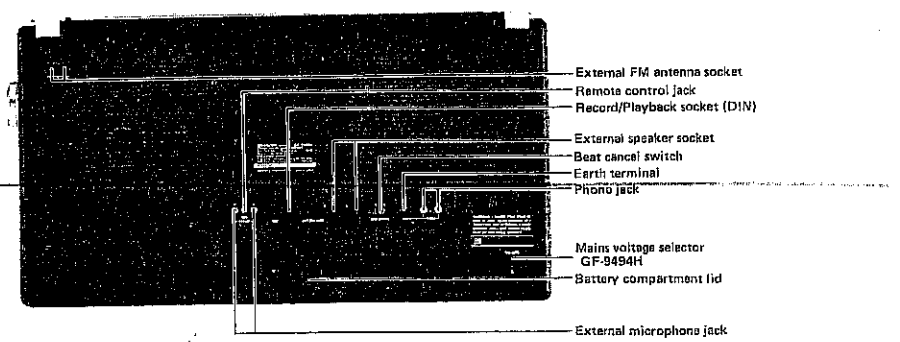



Figure 1

# PARTS LIST

| REF. NO. | PART NO. | DESCRIPTION | CODE |
|---|---|---|---|
| | | **MECHANICAL PARTS** | |
| 01 | JKNBB0071AFSB | Knob, Forward APLD | AE |
| 02 | JKNBB0072AFSB | Knob, Reverse APLD | AE |
| 03 | JKNBB0070AFSB | Knob, Stop | AF |
| 04 | JKNBM0291AFSB | Knob, Eject/Fast Forward/ Rewind/Play/Pause | AD |
| 05 | JKNBM0292AFSB | Knob, Record | AE |
| 06 | LANGT0514AFZZ | Bracket, Flywheel | AE |
| 07 | LBSHS0001AG00 | Bushing, Motor | AA |
| 08 | LCHSM0228AFZZ | Main Chassis Assembly | |
| 09 | LCHSS0107AF00 | Sub-chassis Assembly | |
| 10 | LSTWC2001AFZZ | Stop Washer, $\phi$2 | |
| 11 | LSTWC3002AFZZ | Stop Washer, $\phi$3 | |
| 12 | MARMP0001AFZZ | Arm, Auto Stop | AC |
| 13 | MARMP0002AFZZ | Arm, Auto Stop Lock Release | AC |
| 14 | MLEVF0547AFZZ | Lever, Main Lock Plate | AD |
| 15 | MLEVF0548AFZZ | Lever, APLD Lock Plate | AD |
| 16 | MLEVF0549AFZZ | Idler, Take-up | AF |
| 17 | MLEVF0550AFFW | Lever, Pause | AD |
| 18 | MLEVF0551AFFW | Lever, Fast Forward/Rewind | AD |
| 19 | MLEVF0643AFZZ | Lever, Play | AG |
| 20 | MLEVF0553AFFW | Lever, Eject | AD |
| 21 | MLEVF0702AFZZ | Lever, Record | AD |
| 22 | MLEVF0555AFZZ | Lever, Forward APLD | AD |
| 23 | MLEVF0556AFZZ | Lever, Reverse APLD | AD |
| 24 | MLEVF0557AFFW | Lever, Fast Forward/Rewind | AE |
| 25 | MLEVF0558AFFW | Lever, Fast Forward | AD |
| 26 | NBRGC0054AFZZ | Bearing, Flywheel | AF |
| 27 | MLEVF0560AFFW | Lever, Record Mistake Proof | AC |
| 28 | MLEVF0564AFFW | Lever, Stop | AD |
| 29 | MLEVP0057AF00 | Lever, Erase Proof | AB |
| 30 | MLEVP0058AFZZ | Lever, Brake | AC |
| 31 | MLEVP0077AFZZ | Lever, Cassette Lock | AC |
| 32 | MLEVP0060AFZZ | Lever, Auto Stop | AC |
| 33 | MLEVP0061AFZZ | Lever, Tape End Detect | AB |
| 34 | MLEVP0062AFZZ | Lever, Fast Forward | AB |
| 35 | MLEVP0063AFZZ | Lever, Sub-chassis Return | AC |
| 36 | MSPRC0031AGMN | Spring, Record/Playback Head Azimuth Adjustment | AA |
| 37 | MSPRC0139AFFJ | Spring, Pause/Rewind/Eject/ Fast Forward/Record Lever | AA |
| 38 | MSPRC0109AFFJ | Spring, Plunger | AA |
| 39 | MSPRC0110AFFJ | Spring, Play Lever | AA |
| 40 | MSPRC0111AFFJ | Spring, Tape End Detect Lever | AA |
| 42 | MSPRD0107AFFJ | Spring, Pinch Roller | AB |
| 43 | MSPRD0108AFFJ | Spring, Brake Lever | AA |
| 44 | MSPRD0109AFFJ | Spring, Forward APLD Lever | AA |
| 45 | MSPRD0110AFFJ | Spring, Reverse APLD Lever | AA |
| 46 | MSPRD0111AFFJ | Spring, Stop Lever | AB |
| 47 | MSPRD0112AFFJ | Spring, Erase Proof Lever | AA |
| 48 | LSTWC2403AFZZ | Stop Washer, $\phi$2.4 | |
| 49 | MSPRD0116AFFJ | Spring, Auto Stop Lock Release Arm | AA |
| 50 | MSPRD0117AFFJ | Spring, Record Mistake Proof Lever | AA |
| 51 | MSPRP0133AFFW | Spring (Plate type) Cassette Retaining | AC |
| 52 | MSPRP0113AFFJ | Spring (Plate type), Auto Stop Arm | AB |
| 53 | LANGF0393AFFW | Bracket, Muting Switch | AC |
| 54 | MSPRP0115AFFW | Spring (Plate type) Sub-chassis Stopper | AB |
| 57 | MSPRT0331AFFJ | Spring, Fast Forward Lever | AA |
| 58 | MSPRT0332AFFJ | Spring, Idler | AA |
| 59 | MSPRT0333AFFJ | Spring, Roller Assembly | AA |
| 60 | MSPRT0334AFFJ | Spring, Auto Stop Lever | AA |
| 61 | MSPRT0335AFFJ | Spring, Fast Forward/Rewind Lever | AA |
| 62 | NBALS0004AGFJ | Ball, $\phi$3 | AA |
| 63 | NBLTH0064AF00 | Belt, Motor | AD |
| 64 | NBLTK0053AF00 | Belt, Auto Stop | AC |
| 65 | NDAIR0110AFSA | Turntable, Take-up | AF |
| 66 | NDAIR0129AFSA | Turntable, Supply | AE |
| 67 | NFLYC0053AFZZ | Flywheel | AK |
| 68 | NGERH0050AFZZ | Gear, Slip Roller | AC |
| 69 | NGERP0050AFZZ | Slip Roller | AB |
| 70 | MLEVF0617AFZZ | Lever, Quick Stop | AB |
| 71 | NPLYR0052AFZZ | Pulley, Auto Stop | AB |
| 72 | NROLM0051AFFW | Roller, Lock Plate | AA |
| 73 | NROLV0004AFZZ | Roller Assembly | AP |
| 74 | NROLY0004AFZZ | Pinch Roller | AE |
| 75 | MSPRT0330AFFJ | Spring, Play Lever | AA |
| 76 | MLEVF0618AFZZ | Lever, Pause Mistake Proof | AC |
| 78 | PCUSG0026AG00 | Rubber, Brake Lever | AA |
| 79 | KCOUB0061AFZZ | Tape Counter | AK |
| 80 | RHEDA0066AFZZ | Head, Erase | AK |
| 81 | RHEDH0072AFZZ | Head, Record/Playback | AU |
| 82 | RMOTM0084AFZZ | Motor with Pulley | AW |
| 83 | RPLU-0053AFZZ | Plunger | AL |
| 84 | PZETF0123AFZZ | Stopper | AA |
| 87 | NBLTK0103AFZZ | Belt, Tape Counter | AC |
| 89 | MSPRT0151AGFJ | Spring, Cassette Lock Lever | AA |
| 90 | PSPAA0001AGFJ | Spacer, Motor Bushing | AA |
| 91 | MSPRD0137AFFJ | Spring, Quick Stop Lever | AA |
| 92 | NPLYR0050AFZZ | Pulley, Take-up | AB |
| 93 | LX-HZ0056AFFD | Screw, Flywheel Bracket | |
| 94 | LX-BZ0107AGZZ | Screw, Flywheel Thrust Adjust | AB |
| 95 | MLEVP0076AFZZ | Lever, Pause Mistake Proof | AC |
| 96 | MSPRT0390AFFJ | Spring, Pause Mistake Proof Lever | AA |
| 97 | LANGF0376AFFW | Plate, Sub-chassis Stopper | AB |
| 98 | MSPRT0389AFFJ | Spring, Pause Mistake Proof Lever | AA |
| 99 | LHLDW3007AGFD | Wire Holder | AA |
| 100 | LX-BZ0148AGFD | Screw, Motor | AA |
| 101 | LX-WZ5013AGZZ | Washer, Turntable | AA |
| 102 | LX-WZ5015AGZZ | Washer, Tape End Detect Lever | AA |
| 103 | LX-WZ5018AGZZ | Washer, Turntable | AA |
| 104 | LX-WZ5037AGZZ | Washer, Flywheel | AA |
| 105 | LX-WZ7050AFZZ | Spacer, Motor Switch | AA |
| 106 | QHWS-2222AGFN | Lug Terminal, Ground | |
| 107 | PFLT-0313AF00 | Felt, Tape End Detect Lever | AA |
| 108 | LPLTM0101AFFW | Earthing, Button Lever | AD |
| 109 | QHWS-3001AGFN | Lug Terminal | |
| | | **MISCELLANEOUS** | |
| 201 | GCABA1497AFSA | Cabinet, Front | |
| 202 | GCABB1497AFSA | Cabinet, Back | AW |
| 203 | GCOVA1125AFSA | Cover, Tape Counter | AG |
| 204 | GFTAB1104AFSA | Lid, Battery Compartment | AE |
| 205 | GFTAC1093AFSA | Holder, Cassette | AE |
| 206 | GFTAC1094AFSA | Cover, Cassette Holder | AF |
| 207 | GWAKP1083AFSA | Panel, Cabinet Top | AQ |
| 209 | HDALM0217AFSA | Plate, Dial Scale | AM |
| 210 | HDECA0353AFSA | Decoration Metal, APLD Switch | AD |
| 211 | HDECA0354AFSA | Decoration Metal, Cassette Holder Cover | AF |
| 212 | HDECA0385AFSA | Decoration Metal, Tape Counter | AK |

# PARTS LIST

| REF. NO. | PART NO. | DESCRIPTION | CODE |
|---|---|---|---|
| 214 | HDECB0100AFSA | Decoration Metal, Cassette Holder | AD |
| 215 | HDECQ0086AFSA | Decoration Ring, Woofer (Right) | AP |
| 216 | HDECQ0087AFSA | Decoration Ring, Woofer (Left) | AP |
| 217 | HDECQ0088AFSA | Decoration Ring, Tweeter | AE |
| 218 | HDECQ0089AFSA | Decoration Metal, Built-in Microphone (Right) | AH |
| 219 | HDECQ0090AFSA | Decoration Metal, Built-in Microphone (Left) | AH |
| 220 | HDECQ0091AFSA | Decoration Metal, Handle (right) | AF |
| 221 | HDECQ0092AFSA | Decoration Metal, Handle (Left) | AF |
| 222 | HINDM1336AFSA | Indication Metal, APLD/Stop | AB |
| 223 | HINDP0181AFSA | Indication Sheet, Voltage Selector | AC |
| 224 | HINDP0145AFSA | Indication Metal, Woofer | AA |
| 225 | HPNC-1133AFSA | Punching Metal, Speaker | AP |
| 226 | HPNLD1177AFSA | Plate, Transparent | AG |
| 227 | HSSND0253AFSA | Pointer, Dial | AF |
| 228 | JHNDG1063AFSA | Handle | AV |
| 229 | JKNBM0288AFSA | Knob, Function Selector | AE |
| 230 | JKNBM0288AFSB | Knob, Power Switch | AE |
| 231 | JKNBM0289AFSA | Knob, Editing Switch | AE |
| 232 | JKNBM0290AFSA | Knob, Lever Switch | AD |
| 233 | JKNBN0394AFSA | Knob, Tuning | AG |
| 234 | JKNBN0395AFSA | Knob, Fader Control | AD |
| 235 | JKNBP0090AFSA | Knob, Volume/Treble/Bass/ Record Level Controls | AD |
| 236 | LANGK0208AFZZ | Bracket, Air Damper | AB |
| 237 | LANGQ0638AFZZ | Bracket, Power Supply P.W. Board | AD |
| 239 | LHLDA1055AFSA | Holder, FM Rod Antenna | AB |
| 240 | LHLDF1217AFZZ | Frame, Main/Switch/Volume/ Power P.W. Board | AP |
| 241 | LHLDF1218AFZZ | Frame, Mechanism Block | AK |
| 242 | LHLDP3061AFFN | Holder, Dial Illumination Lamp | AC |
| 243 | LHLDW1068AFZZ | Band, Wire (100 mm) | AA |
| 244 | LHLDW1075AFZZ | Band, Wire (60 mm) | AA |
| 245 | LHLDW9003CEZZ | Holder, Lead Wires | AA |
| 246 | LHLDZ1081AFZZ | Holder, Dial Scale Plate | AG |
| 247 | LHLDZ1082AFZZ | Holder, LED | AB |
| 248 | LHLDZ3056AFZZ | Holder, Built-in Microphone | AB |
| 249 | LX-BZ0271AFSA | Screw, Cassette Holder | AE |
| 250 | LX-CZ0002AFZZ | Screw, Cabinet Retaining, $\phi$4 x 70 mm | |
| 251 | LX-HZ0057AFFD | Screw, Mechanism Block Retaining, $\phi$3 x 25 mm | |
| 252 | LX-HZ0058AFFD | Screw, Mechanism Block Retaining, $\phi$3 x 35 mm | |
| 253 | MLEVF0897AFZZ | Lever, Record/Playback Switch | AE |
| 254 | MLIFP0001AFZZ | Air Damper | |
| 255 | MSPRC0021AFFN | Spring, Battery, (–) side | AA |
| 256 | MSPRC0140AFFN | Spring, Battery, (–) side | AB |
| 257 | MSPRP0089AGFW | Plate Spring, Cassette Holder | AB |
| 258 | MSPRT0003AGFW | Spring, Dial Cord Stringing | AA |
| 259 | MSPRT0210AFFW | Spring, Air Damper | AB |
| 260 | MSPRT0581AFFJ | Spring, Cassette Holder Opening | AA |
| 261 | NDRM-0066AFZZ | Drum, Dial Cord | AD |
| 262 | NPLYB0050AFZZ | Pulley, Dial Cord | AA |
| 263 | NPLYB0051AFZZ | Pulley, Dial Cord, with Shaft | AA |
| 264 | NPLYC0102AFFW | Pulley, Dial Cord | AA |
| 266 | PCOVM1053AFSA | Cover, Mode Selector Switch | AB |
| 267 | PCOVM1054AFSA | Cover, Mixing/Record Mode/ Tape Selector Switch | AB |
| 268 | PCOVP7164AFZZ | Cover, Power Switch | AB |
| 269 | PCOVW1100AFZZ | Cover, Mains Socket | AA |
| 270 | PCOVZ7050AF00 | Cover, Battery Compartment | AC |
| 271 | PCOVZ7057AF00 | Cover, Battery Compartment | AA |
| 272 | PCUSG0084AF00 | Cushion, Built-in Microphone | AA |
| 273 | PCUSU0092AG00 | Cushion, Battery Compartment Lid | AA |
| 274 | PCUSU0128AFZZ | Cushion, FM Coils | AA |
| 275 | PCUSU0229AFZZ | Cushion, Lever Switches | AA |
| 276 | PFLT-0095AG00 | Felt, Cassette Holder | AA |
| 277 | PFLT-0127AF00 | Felt, Battery Compartment | AA |
| 278 | PFLT-0324AF00 | Felt, Mode Selector/Tape Selector/Record Mode/ Mixing Switches | AA |
| 279 | PFLT-0332AF00 | Felt, Record Lever/Bass/ Treble/Volume Controls | AA |
| 280 | PFLT-0335AF00 | Felt, Loudness/Meter Selector (Dial Light) Switches | AA |
| 281 | PFLT-0345AF00 | Felt, Record Level/Bass/ Treble/Volume Controls | AA |
| 284 | PFLT-0370AF00 | Felt, Power/Function Selector Switches | AA |
| 285 | PFLT-0371AF00 | Felt, Meters (ME101, ME102) | AA |
| 286 | PGUMS0114AF00 | Conductive Rubber, Record Level Controls | AA |
| 287 | PGUMS0124AF00 | Rubber, Handle Cushion | AA |
| 288 | PRDAR0160AFFW | Heat Sink | AB |
| 290 | PSLDM3156AFZZ | Shield Plate | AD |
| 292 | PTPEC0005AG00 | Ribbon, Battery Compartment | AB |
| 293 | QANTR0112AFZZ | Rod Antenna | AN |
| 294 | QHWS-3001AGFN | Lug Terminal | |
| 295 | QLUGP0111CEFW | Lug Terminal | AA |
| 296 | QLUGP0150AFZZ | Lug Terminal | AA |
| 297 | LHLDW1052AFZZ | Band, Wire | AA |
| 305 | QTANB9102AFFN | Battery Terminal, (+) side | AC |
| 306 | QTANB9103AFFN | Battery Terminal, (+) side | AC |
| 307 | RMICC0072AFZZ | Built-in Microphone | AF |
| 309 | LANGG0067AFZZ | Guide, Mode Selector Switch Cover | AB |
| 310 | PSPAI0140AFZZ | Spacer, Transparent Plate, Fiber | AA |
| 311 | TLABZ0130AFZZ | Mirror, Cassette Compartment | |
| 313 | QFSHD1001AGZZ | Holder, Fuse | AA |
| 314 | HINDM1376AFSA | Indication Metal, Model Spec. | AB |
| 316 | LHLDW1069AFZZ | Band, Wire (150 mm) | AA |
| 317 | PFLT-0339AF00 | Felt, Cabinet Top | AA |
| 318 | NSFTD0166AFFW | Shaft, Dial Cord Drive | AE |
| 319 | LANGR0500AFFW | Bracket, Power Transformer | AC |
| ⚠F701 | QFS-C122CAGNI | Fuse, T1.25A | AE |
| J101 (A~F) | QJAKZ0097AFZZ | Jack Plate Assembly, EXT. MIC/REMOTE/PHONO/ GND | AP |
| J401 | QJAKA0006AFZZ | Jack, Mixing Microphone | AC |
| J603 | QJAKJ0052AFZZ | Jack, Headphones | AG |
| ME101 | RMTRL0198AFZZ | Meter, VU/Tuning | AR |
| ME102 | RMTRL0199AFZZ | Meter, VU/Battery | AR |
| PG1 | QCNCM105JAFZZ | Plug, 9-pin | AC |
| PG502 | QCNCM175FAFZZ | Plug, 6-pin | AC |
| PG751 | QCNCM260MAFZZ | Plug, 12-pin | AD |
| PL601 | RLMPM0089AFZZ | Lamp, Meter Illumination | AE |
| PL602 | RLMPM0089AFZZ | Lamp, Dial Illumination | AE |
| SO1 | CCNCW096JAF09 | Socket, 9-pin, with Lead Wires | |
| SO2 | QCNW-0292AFZZ | Socket, 6-pin, with Lead Wires | AH |
| SO751 | ———— | Socket, 12-pin, Part of SW751 | – |

# PARTS LIST

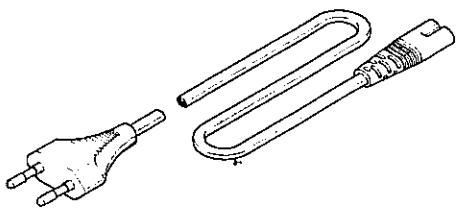
| REF. NO. | PART NO. | DESCRIPTION | CODE |
|---|---|---|---|
| SO101 | QSOCD2554AFZZ | Socket, Record/Playback | AF |
| SO102, SO103 | QSOCD2268AFZZ | Socket, EXT. Speaker | AE |
| ⚠ SO901/J901 | QSOCZ2469AFZZ | Socket, Mains Supply with EXT. DC Power jack | AG |
| SP1, SP2 | VSP0018PB044A | Speaker, Woofer | AW |
| SP3, SP4 | VSP0050TB224A | Speaker, Tweeter | AN |
| SW101 | QSW-P0243AFZZ | Switch, Power and Function Selector | AV |
| SW102 | QSW-S0214AFZZ | Switch, Record/Playback | AM |
| SW103 | QSW-P0172AFZZ | Switch, Editing | AF |
| SW104 | QSW-B0087AFZZ | Switch, Mixing | AF |
| SW105 | QSW-B0095AFZZ | Switch, Record Mode | AF |
| SW106 | QSW-B0087AFZZ | Switch, Tape Selector | AF |
| SW107 | QSW-B0076AFZZ | Switch, Mode Selector/FM Muting | AF |
| SW108 | QSW-B0086AFZZ | Switch, Loudness | AF |
| SW109 | QSW-B0091AFZZ | Switch, Meter/Light | AF |
| SW301 | QSW-S0191AFZZ | Switch, Beat Cancel | AD |
| SW501 | QSW-F0044AGZZ | Switch, Motor | AD |
| SW502 | QSW-F0116AFZZ | Switch, APLD (REV) | AD |
| SW503 | QSW-F0116AFZZ | Switch, APLD (FWD) | AD |
| SW504 | QSW-M0064AFZZ | Switch, Cue/Review Muting | AG |
| ⚠ SW701 | QSOCE0551AFZZ | Switch, Mains Voltage Selector | AG |
| SW751 | QSW-Z0055AFZZ | APLD Switch Ass'y | AZ |
| SO3 | QJAKF0052AFZZ | Socket, FM EXT. ANT. | AF |
| | QCNW-0488AFZZ | Connecting Wire | AQ |
| | SPAKA0562AFZZ | Packing Add. (Left) | AF |
| | SPAKA0563AFZZ | Packing Add. (Right) | AF |
| | SPAKC1415AFZZ | Packing Case | AN |
| | SSAKH0116AFZZ | Polyethylene Bag | AC |
| | TINSZ0197AFZZ | Operation Manual | AM |
| | SSAKH0024AGZZ | Polyethylene Bag, Operation Manual | AA |
| | TMAPC0631AFZZ | Schematic Diagram | |
| ⚠ | QACCK0050AFZZ | Mains Supply Cord | AL |

## PWB ASSEMBLY (Not Replacement Item)

| | | | |
|---|---|---|---|
| PWB1, PWB2, PWB3 | DUNTK0017AF06 (Combined Assembly) | Switch Volume Power Supply | BF |
| PWB4 | DUNTL0083AF05 | Main | BW |
| PWB5 | DUNTM0051AF06 | Power | BD |
| PWB6, PWB7 | DUNTJ0029AF06 (Combined Assembly) | APLD Switch Motor | AQ |

## DIFFERENTIAL PARTS LIST BETWEEN GF-9494H AND GF-9494E

| REF. NO. | PART NO. | | DESCRIPTION | GF-9494E CODE |
|---|---|---|---|---|
| | GF-9494H | GF-9494E | | |
| D9 | VHEWZ-075//-1 | VHEHZ7C-2L/-1 (HZ7C-2L) | Zener, Voltage Regulator | AB |
| L10 | RCILB0353AFZZ | RCILB0456AFZZ | Coil, LW Oscillator | AD |
| T3 | RCILI0224AFZZ | RCILI0252AFZZ | Transformer, AM IF | AG |
| T4 | RCILI0170AFZZ | RCILI0253AFZZ | Transformer, AM IF | AC |
| ⚠ T901 | RTRNP0644AFZZ | RTRNP0671AFZZ | Transformer, Power | AW |
| 212 | HDECA0385AFSA | HDECA0388AFSA | Decoration Metal, Tape Counter | AK |
| 223 | HINDP0181AFSA | Not Used | Indication Sheet, Voltage Selector | |
| 223 | Not Used | HINDM1383AFSA | Indication Metal, Mains Switch | AD |
| 237 | LANGQ0638AFZZ | LANGQ0752AFZZ | Bracket, Power Supply P.W. Board | AD |
| 314 | HINDM1376AFSA | HINDM1382AFSA | Indication Metal, Model Spec. | AB |
| 320 | Not Used | LBOSD0050AFFW | Boss, Inserting | AB |
| 321 | Not Used | PZETV0052AFZZ | Cover, Mains Switch | AA |
| ⚠ SW701 | QSOCE0551AFZZ | Not Used | Switch, Mains Voltage Selector | |
| SW701 | Not Used | QSW-S0176AFZZ | Switch, Mains | AN |
| | SPAKC1415AFZZ | SPAKC1430AFZZ | Packing Case | AN |
| | TINSZ0197AFZZ | TINSE0649AFZZ | Operation Manual | AM |
| | TMAPC0631AFZZ | TMAPC0645AFZZ | Schematic Diagram | |
| ⚠ | QACCK0050AFZZ | QACCB0003AG0V | Mains Supply Cord | AK |
| PWB4 | DUNTL0083AF05 | DUNTL0083AF06 | PWB Assembly, Main (Not Replacement Item) | BX |



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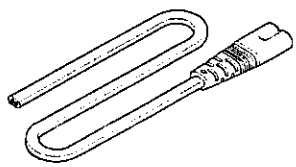

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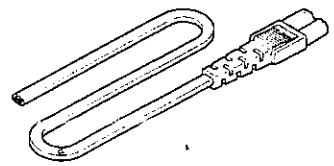

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